



G005/88



INVESTOR IN PEOPLE

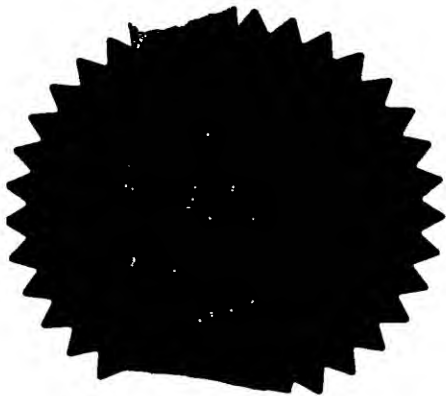
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Signed *AmBrewer.*

Dated 4 March 2005



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P01/7700 0.00-0400786.0 CHEQUE

Request for grant of a patent

(See the notes on the back of this form. You can also get an explanatory leaflet from the Patent Office to help you fill in this form)

The Patent Office

Cardiff Road
Newport
South Wales
NP10 8QQ

1. Your reference P04197GB

2. Patent application number (The Patent Office will fill this part in) 0400786.0 14 JAN 2004

3. Full name, address and postcode of the or of each applicant (underline all surnames)
THE CANNY COMPANY LIMITED
Highfields House
Worleston
Cheshire CW5 6DU
Patents ADP number (if you know it) 2788341001
If the applicant is a corporate body, give the country/state of its incorporation GB

4. Title of the invention
RESTRAINT DEVICE FOR ANIMALS

5. Name of your agent (if you have one) LAURENCE SHAW
"Address for service" in the United Kingdom to which all correspondence should be sent (including the postcode)
LAURENCE SHAW & ASSOCIATES
1 Hagley Road
Edgbaston
Birmingham B16 8TG
Patents ADP number (if you know it) 13623001

| 6. Priority: Complete this section if you are declaring priority from one or more earlier patent applications, filed in the last 12 months. | Country | Priority application number (if you know it) | Date of filing (day / month / year) |
|---|---------|--|-------------------------------------|
| | | | |

| 7. Divisionals, etc: Complete this section only if this application is a divisional application or resulted from an entitlement dispute (see note d) | Number of earlier UK application | Date of filing (day / month / year) |
|--|----------------------------------|-------------------------------------|
| | | |


8. Is a Patents Form 7/77 (Statement of inventorship and of right to grant of a patent) required in support of this request?
Answer YES if: YES

- a) any applicant named in part 3 is not an inventor, or
 - b) there is an inventor who is not named as an applicant, or
 - c) any named applicant is a corporate body.
- Otherwise answer NO (See note d)

Patents Form 1/77

9. Accompanying documents: A patent application must include a description of the invention. Not counting duplicates, please enter the number of pages of each item accompanying this form:

Continuation sheets of this form

| | | |
|-------------|---|--|
| Description | 4 | — |
| Claim(s) | 1 | — |
| Abstract | 0 | |
| Drawing(s) | 1 | + 1  |

10. If you are also filing any of the following, state how many against each item.

Priority documents

Translations of priority documents

Statement of inventorship and right to grant of a patent (Patents Form 7/77)

Request for a preliminary examination and search (Patents Form 9/77)

Request for a substantive examination (Patents Form 10/77)

Any other documents (please specify)

11. I/We request the grant of a patent on the basis of this application.

Signature(s)


LAURENCE SHAW & ASSOCIATES

Date 14.01.04

12. Name, daytime telephone number and e-mail address, if any, of person to contact in the United Kingdom

LAURENCE SHAW : TEL: 0121 454 4962

Warning

After an application for a patent has been filed, the Comptroller of the Patent Office will consider whether publication or communication of the invention should be prohibited or restricted under Section 22 of the Patents Act 1977. You will be informed if it is necessary to prohibit or restrict your invention in this way. Furthermore, if you live in the United Kingdom, Section 23 of the Patents Act 1977 stops you from applying for a patent abroad without first getting written permission from the Patent Office, unless an application has been filed at least 6 weeks beforehand in the United Kingdom for a patent for the same invention and either no direction prohibiting publication or communication has been given, or any such direction has been revoked.

Notes

- If you need help to fill in this form or you have any questions, please contact the Patent Office on 08459 500505.
- Write your answers in capital letters using black ink or you may type them.
- If there is not enough space for all the relevant details on any part of this form, please continue on a separate sheet of paper and write "see continuation sheet" in the relevant part(s). Any continuation sheet should be attached to this form.
- If you have answered YES in part 8, a Patents Form 7/77 will need to be filed.
- Once you have filled in the form you must remember to sign and date it.
- Part 7 should only be completed when a divisional application is being made under section 15(4), or when an application is being made under section 8(3), 12(6) or 37(4) following an entitlement dispute. By completing part 7 you are requesting that this application takes the same filing date as an earlier UK application. If you want the new application to have the same priority date(s) as the earlier UK application, you should also complete part 6 with the priority details.

RESTRAINT DEVICE FOR ANIMALS

The invention relates to a restraint device for animals and in particular a collar for dogs incorporating means for restraining the dog from pulling, biting or barking. In this context we refer to our GB patent application published under no. GB 2385506 entitled "A Dog Collar".

It is an object of the invention to provide a restraint device which is particularly easy to fit reliably to animals of different sizes and which will work well without causing harm to the animals.

In one aspect the invention provides a restraint device for an animal, the device comprising a neck collar for the animal and having inter-engagable ends, a surface of the collar having longitudinally spaced apart lead guide means; a lead passing through the lead guide means and having stop means at each end, the lead having a length in excess of twice the length of the engaged collar; the guide means being arranged as two outer guide means which are engagable with the stop means and two inner guide means which are located one on each side of the longitudinal centre of the collar, slider means mounted on the lead and located between the two inner guide means and arranged to allow a portion of the lead to assume a generally noose-like shape to encompass the nose and mouth region of the animal.

By the term engaged collar we mean the length of the collar when the two ends are engaged, e.g. a female clasp engages an eyelet at a male end of the collar appropriate to the animal.

By the term slider means we mean a device which guides and allows relatively free movement of the lead or strap under the muzzle of the animal. It is a preferred feature of the invention that the slider (and any other part likely to contact the fur or skin of the animal) is made of a material which will not cause an allergic reaction in the animal; the use of certain metals e.g. nickel is preferably avoided. Preferably, the slider is a so called TRIGLIDE (PL 103) which has two sockets and is most preferably formed of plastics such as an acetal.

Preferably, the stop means at the ends of the lead define means for engagement with a leash.

In order that the invention may be well understood it will now be described by way of example only with reference to the accompanying diagrammatic drawings in which:

Figure 1 is a plan view of a restraint device of the invention before use;

Figure 2 is a side elevation of the device on Figure 1 fitted on a dog;

Figure 3 is a view taken from arrow A shown on Figure 2.

The device comprises a collar 1 which is a length of strong textile material or webbing or leather having at one end a metal buckle or clasp 2 and at the other, four eyelet protected holes E1 to E4, which can receive the pin 2a of the buckle 2. The collar is intended to be placed about the neck of an animal such as a dog. The eyelets are preferably metal reinforced by a metal which is not hazardous to the animal e.g. nickel is preferably avoided.

Two pairs of loops are fixed to a surface of the collar 1, e.g. by stitching to act as lead guide means. The inner pair L1, L2 are located about 2.54 cm on each side of the longitudinal centre

of the collar 1. The outer pair of loops L3, L4 are spaced an equal distance away from the longitudinal centre of the collar 1. The loops act as lead guide means for a lead or strap 3 which runs through each of the loops L1-L4. The loops are preferably made of a metal which will not cause an allergic reaction. The strap 3 is narrower than the collar 1 and is also made of strong textile material or webbing.

At each end the strap has a metal D ring D1, D2 dimensioned so that it cannot pass through the loop L3, L4 respectively. In this way the lead 3 is held to the collar 1. The length of the lead is selected so that when eyelet E1 at the free end of the collar is engaged with the clasp to form a circle the length is equal to about twice the length of the collar plus about 2.54 cm. A slider 10 is present at about the longitudinal midpoint of the strap, i.e. between the loops L1, L2. The slider 10 has two passages at sockets 11, 12 through which the lead 3 passes. The slider has no sharp parts and is most preferably made of plastics such as acetal which has a friction surface; preferably the slider is a TRIGLIDE, preferably a model in the PL 103 range.

In use, the collar 1 is placed about the neck of a dog and the buckle 2 engaged with an appropriate eyelet. The length of lead between the loops L1, L2 is pulled to define a loose noose N and this is placed over the dog's muzzle or nose area to define a restraint which will prevent the dog from opening its mouth to bite or bark. The noose N is tightened by pulling on the ends of the lead 3 but without subjecting the dog to pain. The slider 10 lies beneath the chin of the animal and contacts its fur or skin. Because the slider has no sharp parts the fur is not caught or torn. Because it is made of plastics material there is no risk of a skin reaction especially when the dog lowers its head. A leash, not shown, is clipped to the two D rings. If the dog pulls on the lead pressure is applied evenly to the muzzle of the dog, giving control of the animal.

Dogs vary much in size and shape; if a collar is too tight or too loose the device will not work satisfactorily. It is a preferred feature of this invention that the devices are produced in a range of sizes selected so that a good fit will always be available. It is a feature of the invention that each collar is provided with four eyelets E1, E2, E3, E4, and the innermost eyelet E4 of one collar size is the outermost eyelet E1 of the next collar of shorter length. Such a method of dimensioning the collars ensures that there should always be one which fits a dog.

The invention has been described in relation to dogs but the device is also applicable to other animals, large or small, domesticated or exotic. The collar and lead may be made in a variety of materials and the methods of holding them together may be varied.

CLAIMS

1. A restraint device for an animal, the device comprising a neck collar for the animal and having inter-engagable ends, a surface of the collar having longitudinal spaced apart lead guide means; a lead passing through the lead guide means and having stop means at each end, the lead having a length in excess of the length of the engaged collar; the guide means being arranged as two outer guide means which are engagable with the stop means and two inner guide means which are located one on each side of the longitudinal centre of the collar; slider means mounted on the lead between the two inner guide means and arranged to allow a portion of the lead to assume a generally circular noose-like shape to encompass the nose and mouth region of the animal.
2. A device according to Claim 1, wherein the collar has a clasp at one end and a row of eyelets at the other and the length of the lead is twice the length of the collar when the collar is engaged with the outermost eyelet plus approximately 2 cm.
3. A device according to Claim 1 or 2, wherein the slider means comprises a TRIGLIDE.
4. A device according to Claim 3, wherein the slider means is formed of plastics.

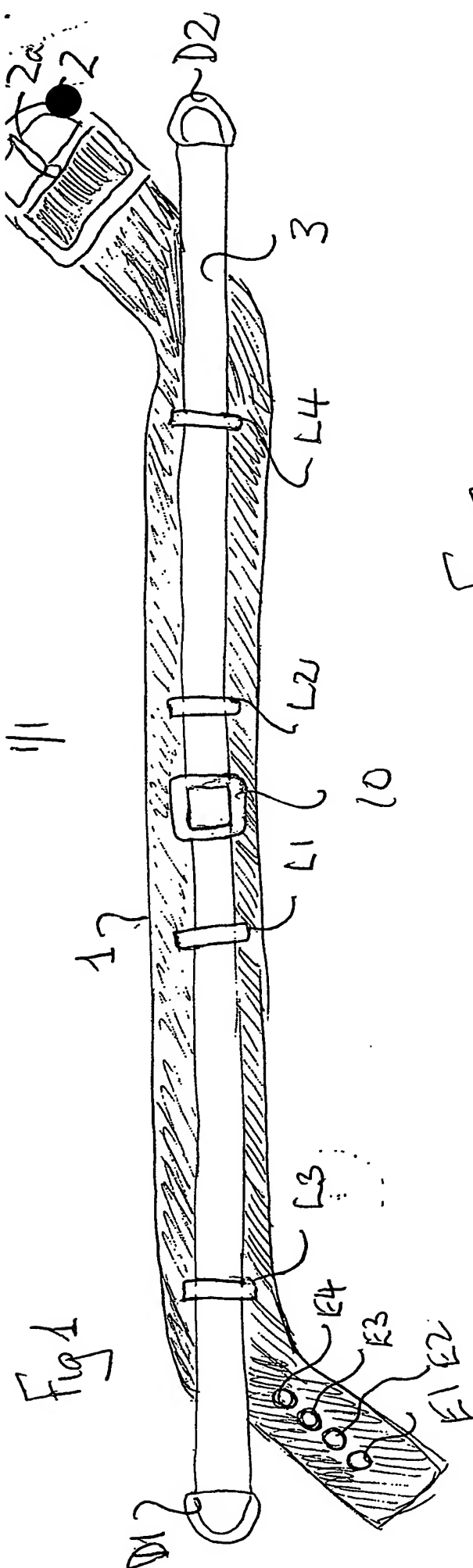


Fig 2

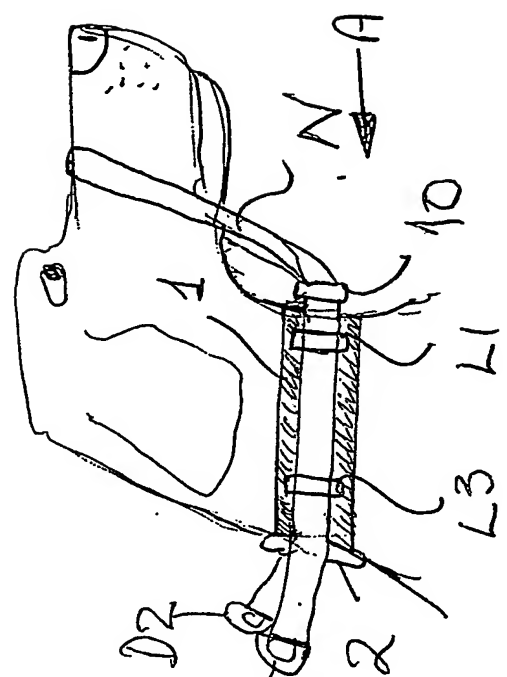
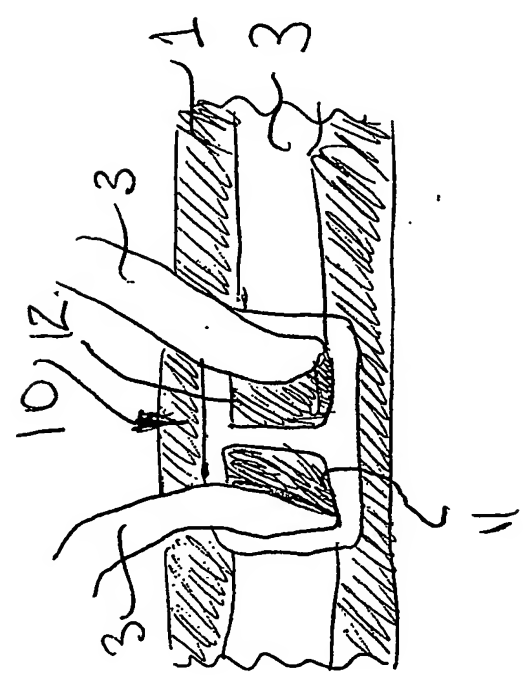


Fig 3



Assembled.
PO 419768

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